A guide to help upgrading from the previous goTenna SDK to the new Pro SDK.

Imports

Packages have changed for many of the commonly used classes. A few class names have changed as well.

Previous	Current
com.gotenna.sdk.commands.GTCommand.GTCommandResponseListener;	com.gotenna.sdk.data.GTCommand.GTCommandResponseListener;
com.gotenna.sdk.commands.GTCommandCenter	com.gotenna.sdk.data.GTCommandCenter
com.gotenna.sdk.commands.GTError	com.gotenna.sdk.data.GTError;
com.gotenna.sdk.responses.GTResponse	com.gotenna.sdk.data.GTResponse
com.gotenna.sdk.user.User	com.gotenna.sdk.data.user.User
com.gotenna.sdk.user.UserDataStore;	com.gotenna.sdk.data.user.UserDataStore
com.gotenna.sdk.types.GTDataTypes.GTCommandResponseCode	com.gotenna.sdk.data.GTResponse.GTCommandResponseCode
com.gotenna.sdk.commands.GTCommandCenter.GTGroupInviteErrorListener	com.gotenna.sdk.data.GTCommandCenter.GTGroupInviteErrorListener
com.gotenna.sdk.commands.GTCommandCenter.GTGroupInviteResponseListener	com.gotenna.sdk.data.GTCommandCenter.GTGroupInviteResponseListener
com.gotenna.sdk.bluetooth.GTConnectionManager	com.gotenna.sdk.connection.GTConnectionManager
com.gotenna.sdk.messages.GTBaseMessageData	com.gotenna.sdk.data.messages.GTBaseMessageData
com.gotenna.sdk.messages.GTGroupCreationMessageData	com.gotenna.sdk.data.messages.GTGroupCreationMessageData
com.gotenna.sdk.messages.GTTextOnlyMessageData	com.gotenna.sdk.data.messages.GTTextOnlyMessageData
com.gotenna.sdk.gids.GIDManager	com.gotenna.sdk.data.GIDUtils
com.gotenna.sdk.utils.Utils	com.gotenna.sdk.utils.TimeUtils
com.gotenna.sdk.bluetooth.BluetoothAdapterManager	com.gotenna.sdk.connection.BluetoothAdapterManager
com.gotenna.sdk.bluetooth.GTConnectionManager.GTConnectionState	com.gotenna.sdk.connection.GTConnectionState

Specific Changes

Response codes have moved from the GTDataTypes class to GTResponse.

Ex.

```
if (response.getResponseCode() ==
GTDataTypes.GTCommandResponseCode.POSITIVE)
```

becomes

```
if (response.getResponseCode() ==
GTResponse.GTCommandResponseCode.POSITIVE)
```

The constants for different GIDs have moved to a new class called GIDUtils.

Ex.

`GIDManager.SHOUT_GID` becomes `GIDUtils.SHOUT_GID`

Send message commands don't use the GTCommandResponseListener. They now use the GTSendCommandResponseListener.

Ex.

```
commandCenter.sendBroadcastMessage(bytes, new GTCommandResponseListener()
{
    @Override
    public void onResponse(GTResponse response) { }
}
```

becomes

```
commandCenter.sendBroadcastMessage(bytes, new
GTSendCommandResponseListener()
{
    @Override
    public void onSendResponse(GTSendMessageResponse response) { }
}
```

goTenna (V1) is now deprecated. You may still connect to it but we will not be providing additional support.

GTDeviceType is not part of the GTConnectionManager class. GTDeviceType is now its own class.

Most utility constants and methods in Utils has been split into individual classes.

Ex.

`Utils.MILLISECONDS_PER_SECOND` becomes `TimeUtils.MILLISECONDS_PER_SECOND`

AmazonFirmwareBucket is not part of the GTFirmwareAmazonDownloader class. AmazonFirmwareBucket is its own class. There is also a bucket for Pro firmware which can be used to update the goTenna Pro X firmware to latest.

GTConnectionListener has a new method called `onConnectionError(GTConnectionState connectionState, GTConnectionError connectionError)`. If you attempt to connection to a non Pro X you will get notified here. The error will also contain the serial number. Please refer to the sample app to see the possible errors and what they mean.

There are now classes to help you locate your GeoRegion for goTenna Mesh. The sample will app now has an example to use these classes to find your current GeoRegion and apply it to the device.

There is an example in the sample app to help you create a frequency set for goTenna Pro X and apply it to the device.